

ROUTING DOMAIN

ADDR.IWF (X, Y)

ADDRESSING INTERWORKING FUNCTION USING ADDRESS PAIR

WHERE X IS THE ROUTING ADDRESS OF THE LOCAL DOMAIN

AND Y IS THE ADDRESS OF THE DESTINATION END SYSTEM

NOTE: AT THE LAST DOMAIN, X SHOULD BE EQUAL TO Y , HENCE,

NO INTERWORKING FUNCTION IS REQUIRED.

FIG. 1

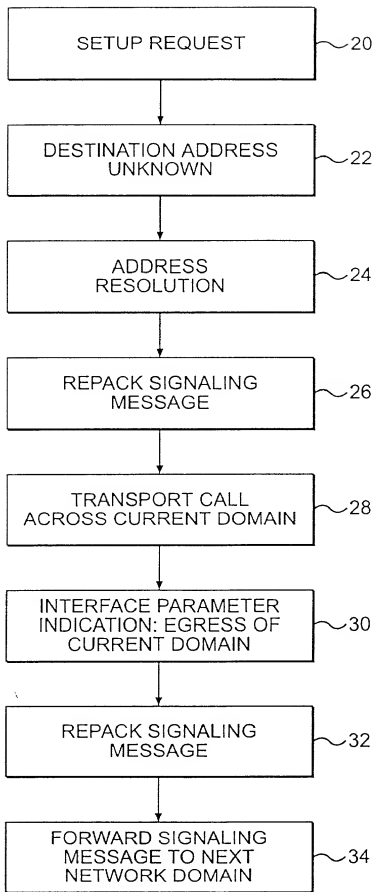


FIG. 2

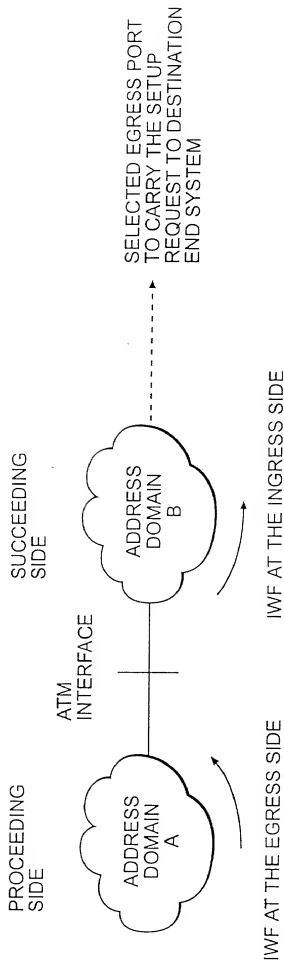


FIG. 3

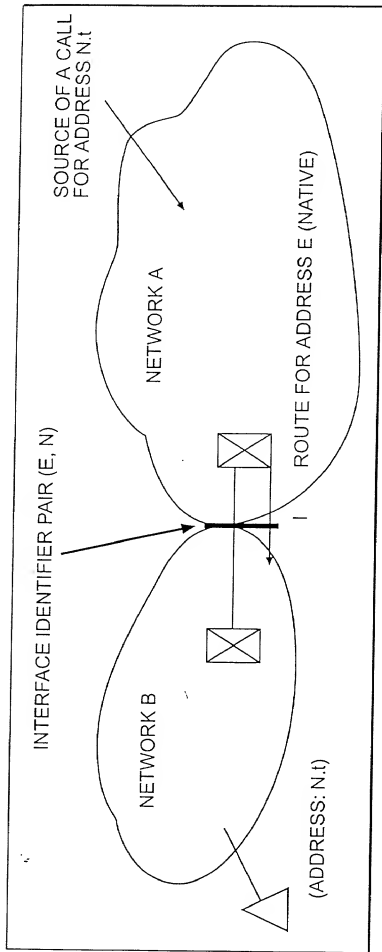


FIG. 4

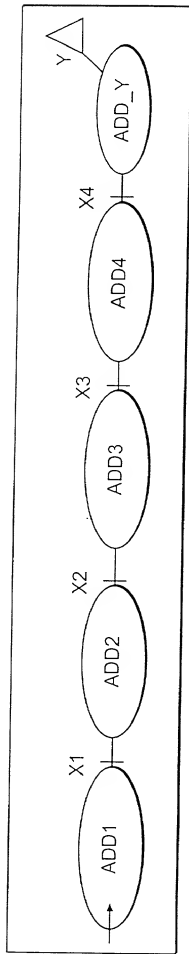


FIG. 5

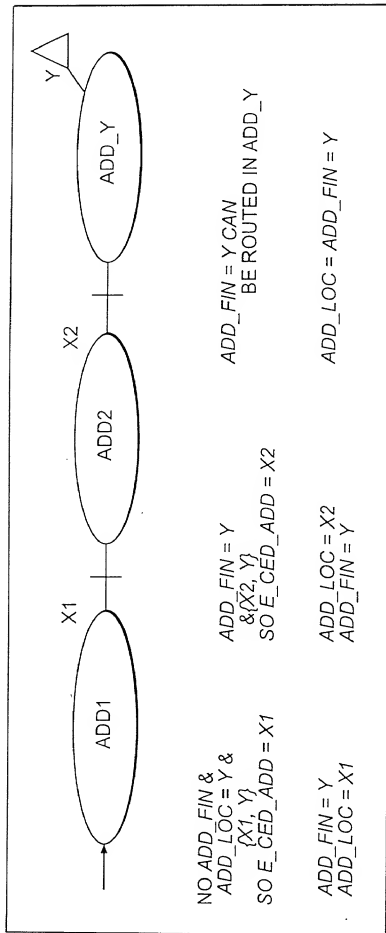
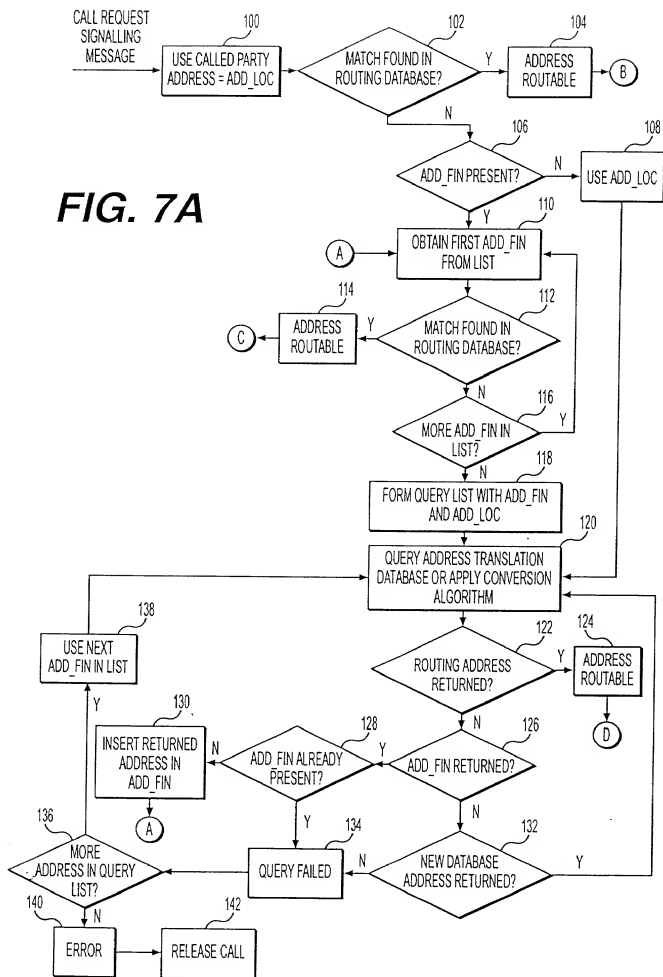


FIG. 6

FIG. 7A



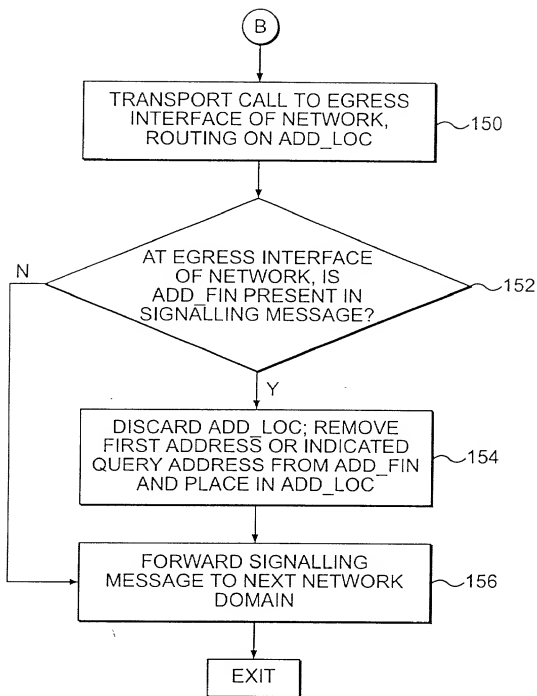


FIG. 7B

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graph TD
    C((C)) --> D1{160  
IS ADD_LOC PRIVATE  
ADDRESS FROM A PRIVATE  
NETWORK?}
    D1 -- Y --> E1[162  
PUT ADD_LOC IN  
SUBADDRESS  
IE/PARAMETER]
    D1 -- N --> E2[164  
PUT ROUTABLE  
ADDRESS IN  
ADD_LOC]
    E1 --> E2
    E2 --> E3[166  
DISCARD ROUTABLE  
ADDRESS IN  
ADD_FIN]
    E3 --> D2{168  
IS "DISCARD ALL ADD_FIN"  
PARAMETER ENABLED?}
    D2 -- Y --> E4[170  
DISCARD ALL ADD_FIN]
    D2 -- N --> B((B))
    E4 --> B
  
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FIG. 7C


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graph TD; D((D)) --> 180{180 IS ADD_LOC A PRIVATE ADDRESS FROM A PRIVATE NETWORK?}; 180 -- Y --> 182[182 PUT ADD_LOC IN SUBADDRESS IE/PARAMETER]; 180 -- N --> 184[184 PUT QUERY ADDRESS IN ADD_FIN PARAMETER IF NOT ALREADY THERE]; 184 --> 186[186 PLACE RETURNED ROUTING ADDRESS IN ADD_LOC PARAMETER]; 182 --> B((B)); 186 --> B;
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FIG. 7D

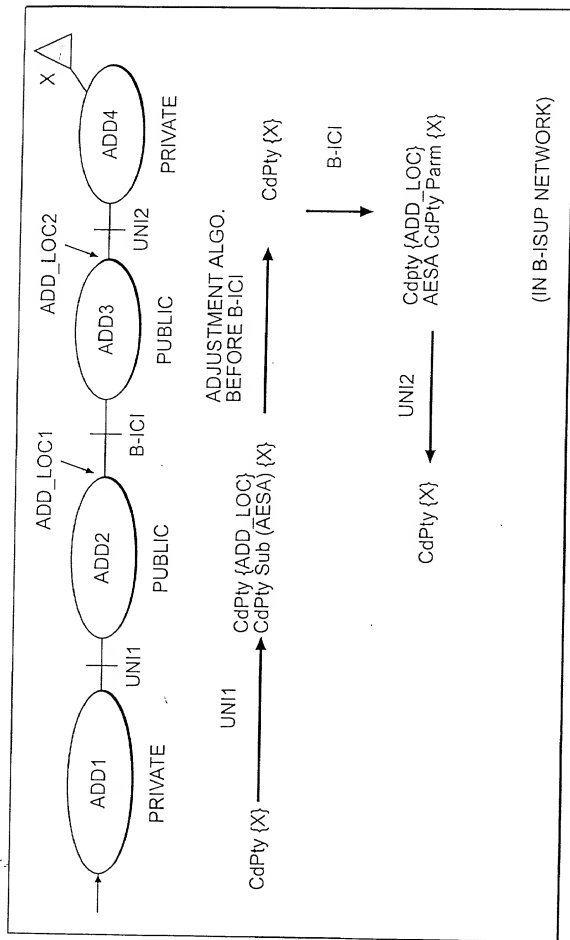


FIG. 8

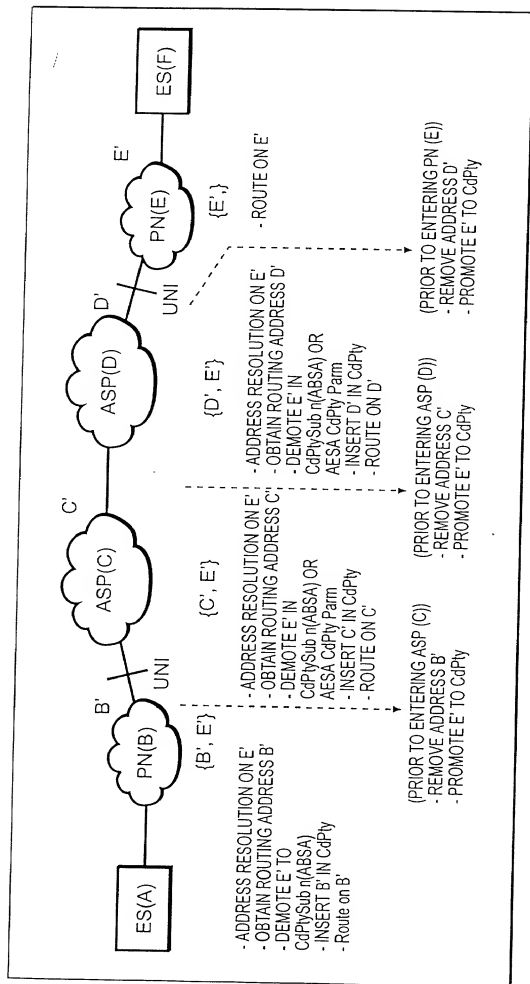


FIG. 9

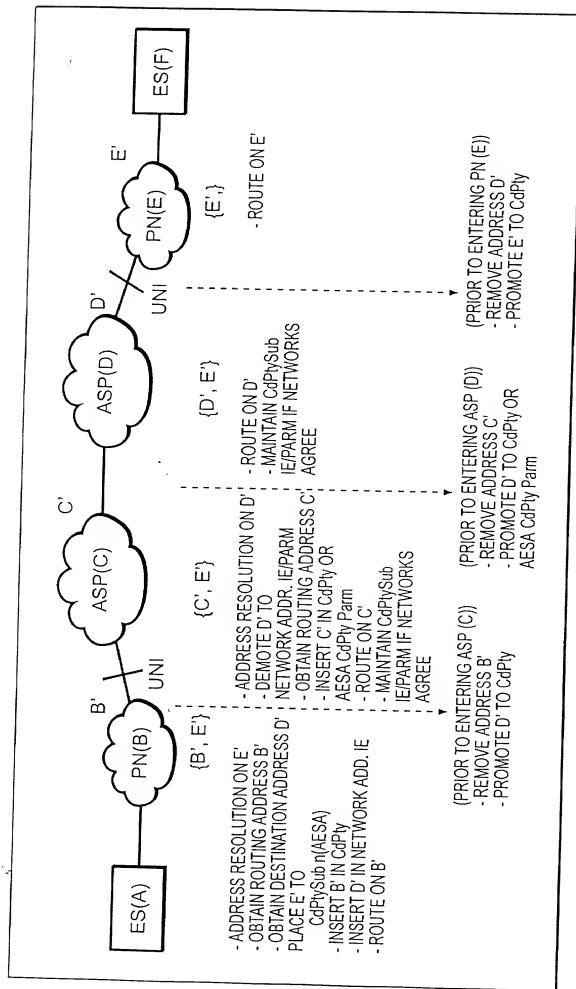


FIG. 10

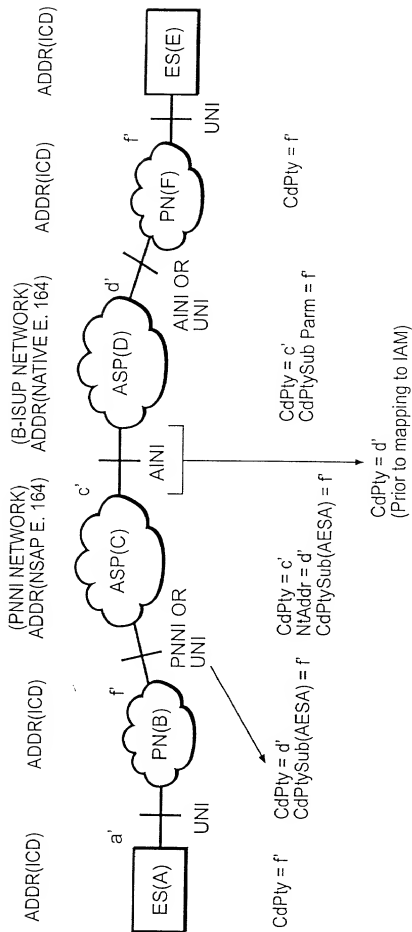
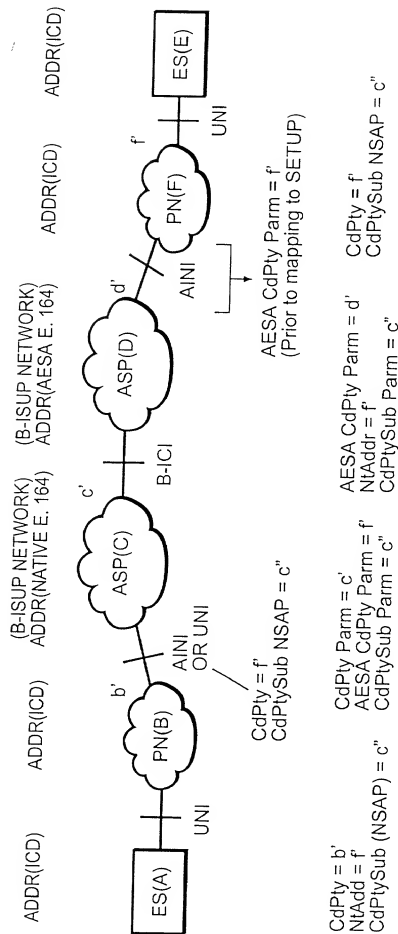
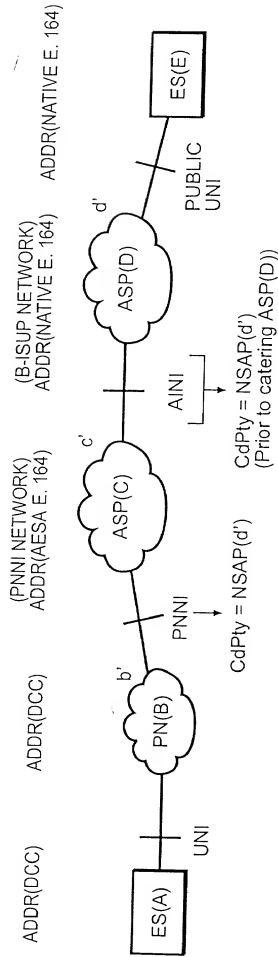


FIG. 12



NOTE: The use of the "CdPtySub(NSAP)" here is to carry the NSAP subaddress which is required by the destination end system ES(E)

FIG. 13



CdPty OR NSAP(d') **CdPty = b'** **CdPty = c'** **CdPty Parm = d'**
NtAdd = NSAP(d') **NtAddr = NSAP(d')** **AESA CdPty Parm = NSAP(d')**

NOTE: The use of the "CdPtySub AESA" here is to carry the NSAP formal E. 164 AESA with the DSP field act to zero (see UNT 4.0 Spec, guideline #9)

FIG. 14

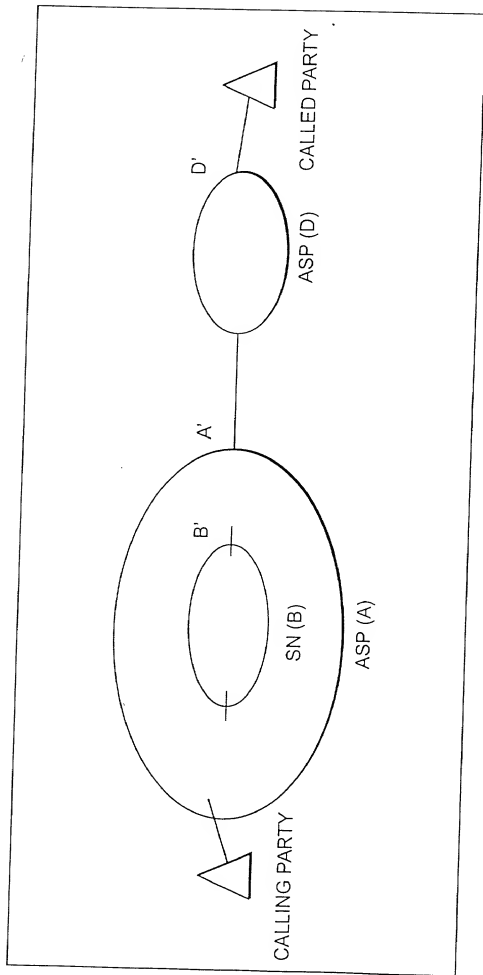


FIG. 15